ATTACHMENT B
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1.   (Currently Amended) A computerized-system for scheduled caching of in-band data broadcast in a channel comprising:

a real-time scheduling process; and

a user initiated scheduling process operable to provide an interface for a user to determine a scheduled time and channel for electronic program guide data in an in-band data broadcast, and for invoking the real-time scheduling process to schedule execution of a caching process at approximately the scheduled time, wherein the caching process is operable for determining if a scheduling conflict exists, for determining whether tuning circuitry has been powered-on and, if not, powering-on a~~the~~ tuning circuitry if no scheduling conflict exists, for instructing the tuner circuitry to tune to the scheduled channel, for receiving the electronic program guide data from the tuning circuitry regardless of the presence of a user, and for storing the in-band data for subsequent processing, whereby the information may subsequently be retrieved and viewed or used by the user.

2.   (Currently Amended) The computerized-system of claim 1, wherein the scheduling process is further operable for retrieving the scheduled time and channel for electronic program guide programming from a source.

3.   (Original) The computerized-system of claim 2, wherein the source is an in-band data broadcast.

4.   (Previously Presented) The computerized-system of claim 1, wherein the caching process is further operable for parsing the electronic program guide data from other content broadcast in the channel.

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5.   (Previously Presented) The computerized-system of claim 3, wherein the electronic program guide data is broadcast in a vertical blanking interval of a television channel.

6.   (Previously Presented) The computerized-system of claim 5, wherein the electronic program guide data is broadcast in a portion of a digital satellite transmission channel.

7-8.   (Canceled)

9.   (Previously Presented) A method of scheduled caching of in-band data broadcast in a channel comprising:

determining a schedule for an electronic program guide in the in-band data broadcast, and wherein the schedule comprises a time and a channel;

determining a scheduled time by a user; and

determining at approximately the scheduled time if a scheduling conflict exists, and If no conflict exists then performing the acts of:

instructing tuning circuitry to power-on and to tune to the schedule channel at approximately the schedule time;

receiving the in-band data broadcast in the schedule channel regardless of the presence of a user; and

storing the in-band data on mass storage for subsequent retrieval and viewing or use by a user.

10.   Currently Amended) The method of claim 9, wherein determining a time and channel comprises:

displaying a plurality of schedules of different content to a user for selection; and

determining the time and the channel from the schedule selected by the user.

11.   (Previously Presented) The method of claim 10, wherein determining a time and channel comprises:

determining a source for the schedule; and

retrieving the schedule from the source.

12. (Original) The method of claim 11, wherein he source for the schedule is in-band broadcast data.

13. (Previously Presented) The method of claim 9, wherein receiving the in-band data further comprises parsing the electronic program guide from other content broadcast in the channel.

14. (Canceled)

15. (Previously Presented) A computer-readable medium having computer-executable instructions stored thereon for performing a method comprising:

determining a schedule for an electronic program guide in an in-band data broadcast, and wherein the schedule comprises a time and a channel, said determining being initiated by a user;

determining a scheduled time by the user; and

determining at approximately the scheduled time if a scheduling conflict exists, and if no conflict exists then performing the act of:

instructing tuning circuitry to power-on and to tune to the schedule channel at approximately the schedule time;

receiving the in-band data broadcast in the schedule channel regardless of the presence of the user; and

storing the in-band data on mass storage for subsequent retrieval and viewing or use by the user.

16. (Previously Presented) A digital processing system comprising:

a processor having real time clock circuitry';

tuning circuitry for powering-on and for tuning and receiving broadcast transmission, the tuning circuitry communicatively coupled to the processor;

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a computer-readable medium communicatively coupled to the central processor; and

a scheduled caching program executed from the computer-readable medium by the processor, wherein the scheduled caching program initiated by a user causes the real-time clock circuitry to schedule a subsequent execution of the scheduled caching program at approximately a scheduled time and the subsequent execution of the scheduled caching program, regardless of the presence of the user, determines at approximately the scheduled time if a scheduling conflict exists, and if no conflict exists then instructs the tuning circuitry to power-on and to tune to a channel, receives in-band data from the tuning circuitry, wherein the in-band data is not audio content and is no video content, and stores the in-band data for subsequent processing for subsequent retrieval and viewing or use by the user.

17.   (Original) The digital processing system of claim 16, wherein the scheduled caching program parses the in-band data from other content broadcast in the channel.

18.   (Currently Amended) The digital processing system of claim 16, wherein the scheduled time and the channel are selected by a user of the digital processing system from a plurality of data service schedules of different content.

19.   (Original) The digital processing system of claim 18, wherein the scheduled caching program retrieves one of the data service schedules from an in-band source.

20.   (Canceled)

21.   (Currently Amended) A computerized-system for scheduled caching of in-band data broadcast in a channel comprising:
a real-time scheduling process; and
a user-initiated scheduling process having means for determining a scheduled time and channel for an in-band data broadcast, wherein the in-band data broadcast is not audio content and is not video content, and for invoking the real-time schedule

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process to schedule execution of a caching process at approximately the scheduled time, wherein the caching process determines if a scheduling conflict exists, and if no conflict exists then scheduling ~~causes means~~provides for instructing tuner circuitry to power-on and to tune to the scheduled channel regardless of the presence of a user, for receiving the in-band data from the tuning circuitry, and for storing the in-band data for subsequent processing.

22.   (Original) The computerized-system of claim 21, wherein the scheduling process further has means for retrieving the scheduled time and channel from a source.

23.   (Original) The computerized-system of claim 21, wherein the caching process further has means for parsing the in-band data from other content broadcast in the channel.

24.   (Canceled)

25.   (Previously Presented) An information handling system comprising:
        a tuner capable of powering-on, the tuner further being tunable to a plurality of channels; and
        a scheduler configured to determine a scheduled time and a scheduled channel from the plurality of channels for receiving information associated with the scheduled channel, the information being non-audio and non-video in-band information, the operation of said scheduler being initiated by a user, wherein the scheduler at approximately the scheduled time determines if a scheduling conflict exists, and if no conflict exists then causes the tuner to power-on and tune to the scheduled channel at approximately the scheduled time, regardless of the presence of the user, to receive the information associated with the channel.

26-27. (Canceled)

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28.   (Original) The information handling system of claim 25, wherein the information further comprises Internet-related information.

29.   (Original) The information handling system of claim 25, wherein the scheduler comprises:

a real-time scheduling process; and

a scheduling process which determines the scheduled time and the scheduled channel, and invokes the real-time scheduling process to schedule execution of a caching process at approximately the scheduled time, wherein the caching process instructs the tuner to tune to the scheduled channel, receives the information associated with the scheduled channel from the tuner, and stores the information for subsequent processing.

30.   (Original) The information handling system of claim 29, wherein the scheduling process retrieves the scheduled time and the scheduled channel from information received from one of the plurality of channels.

31.   (Original) The information handling system of claim 29, wherein the caching process powers-on the tuner.

32.   (Previously Presented) A computer-readable medium having computer-executable instructions stored thereon for performing a method comprising:

determining a scheduled time and a scheduled channel to receive information associated with the scheduled channel, the information comprising non-audio and non-video in-band information, said determining being initiated by a user; and

determining at approximately the scheduled time if a scheduling conflict exists, and if no conflict exists then instructing a tuner to power-on and to tune to the scheduled channel at approximately the scheduled time to receive the information associated with the scheduled channel, regardless of the presence of the user, and store the information associated with the channel for subsequent processing, whereby the information may subsequently be retrieved and viewed or used by the user.

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33-34. (Canceled)

35.   (Original) The information handling system of claim 32, wherein the information further comprises internet-related information.

36.   (Currently Amended) A method for handling information comprising the steps of:

determining a scheduled time and a scheduled channel to receive information associated with the scheduled channel, the information comprising non-audio and non-video in-band information {including electronic program guide information}, said determining being initiated by a user; and

determining if at approximately the scheduled time if a scheduling conflict exists, and if no conflict exists then instructing a tuner to power-on and to tune to the scheduled channel at approximately the scheduled time to receive the information associated with the scheduled channel, regardless of the presence of the user, and store the information associated with the channel for subsequent processing.

37-38. (Canceled)

39.   (Previously Presented) The information handling system of claim 36, wherein the information further comprises internet-related information.

40-43. (Canceled)

44.   (Previously Presented) The computerized system of claim 1 wherein the electronic program guide data originates from multiple sources.

45.   (Previously Presented) The computerized system of claim 1 wherein the user initiated scheduling process is capable of causing the real time scheduling process to schedule multiple executions of the caching process.

46.   (Previously Presented) The system of claim 21, wherein the in-band data broadcast includes stock quotes.

47.   (Previously Presented) The system of claim 21, wherein the in-band data broadcast includes sports scores.

48.   (Previously Presented) The computer-readable medium of claim 32 wherein the information comprises stock quotes.

49.   (Previously Presented) The computer-readable medium of claim 32, wherein the information comprises sports scores.

50.   (Previously Presented) The method of claim 36, wherein the information comprises stock quotes.

51.   (Previously Presented) The method of claim 36, wherein the information comprises sports scores.